

# **Building an Academic Health Sciences Center from the Ground Up**

**May 23, 2003**

**Jay A. Gershen, D.D.S., Ph.D.  
Executive Vice Chancellor  
University of Colorado Health Sciences  
Center**



# University of Colorado Health Sciences Center and University of Colorado Hospital



**A 21st-century academic health center**

**Model Base Closure    Public-Private-Government Partnerships    Economic  
Development**

University of Colorado Health Sciences Center and University of Colorado Hospital at Fitzsimons



# University of Colorado Health Sciences Center

and University of Colorado Hospital at Fitzsimons



**2.7 million gsf on 46 acres at East Ninth  
Avenue and Colorado Boulevard**



# **Who we are, and our economic impact on the Metropolitan area**

## **Population**

**8,400 faculty/employees**

**2,460 students**

**800 residents**

---

**11,660 people and 7,000 cars per day**

## **Economic impact**

**\$1 billion total operating budget\* (2002-03)**

**\$64.5 million in state appropriations (2002-03)**

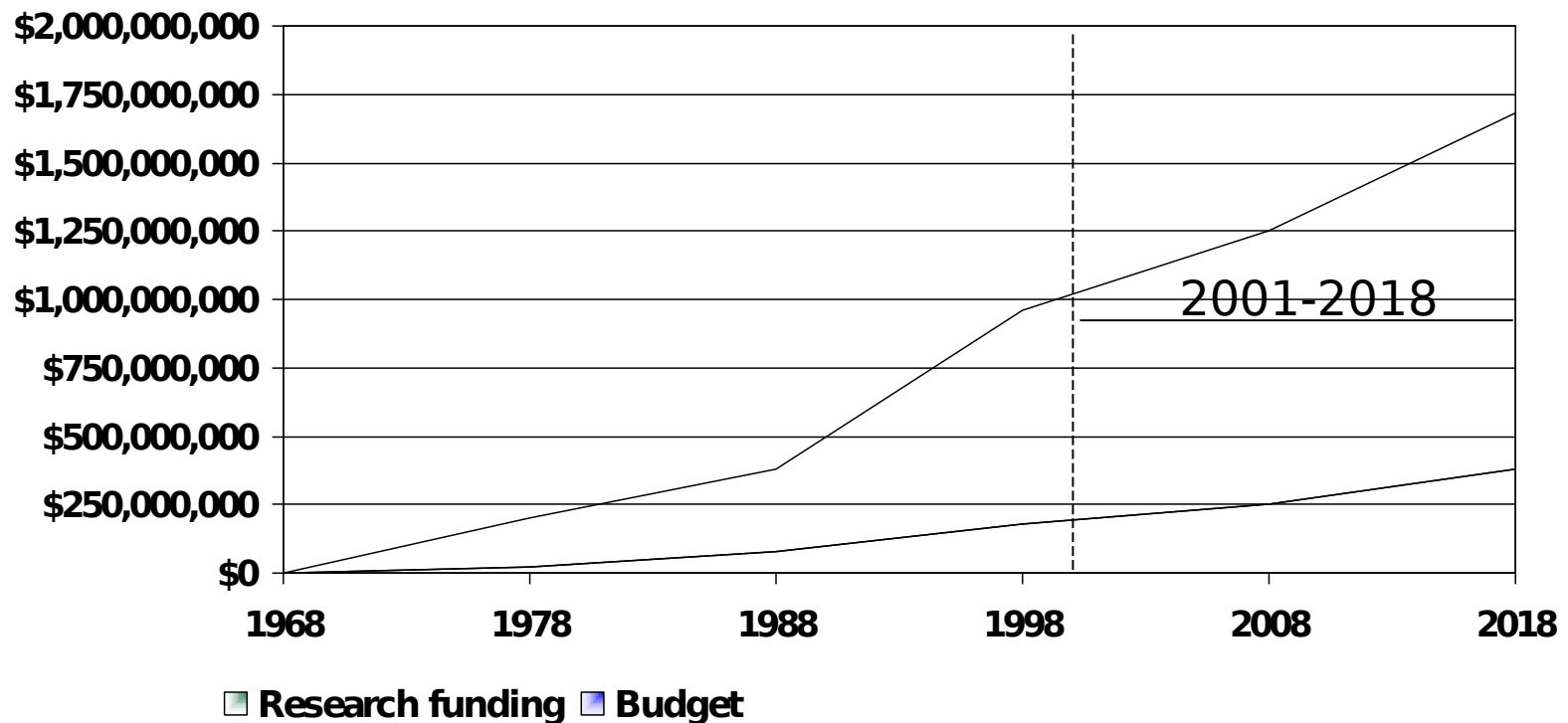
**\$583 million in payroll\***

**\*Includes budgeted operations and payroll for University of Colorado Health Sciences Center,**

**University of Colorado Hospital and University Physicians, Inc.**

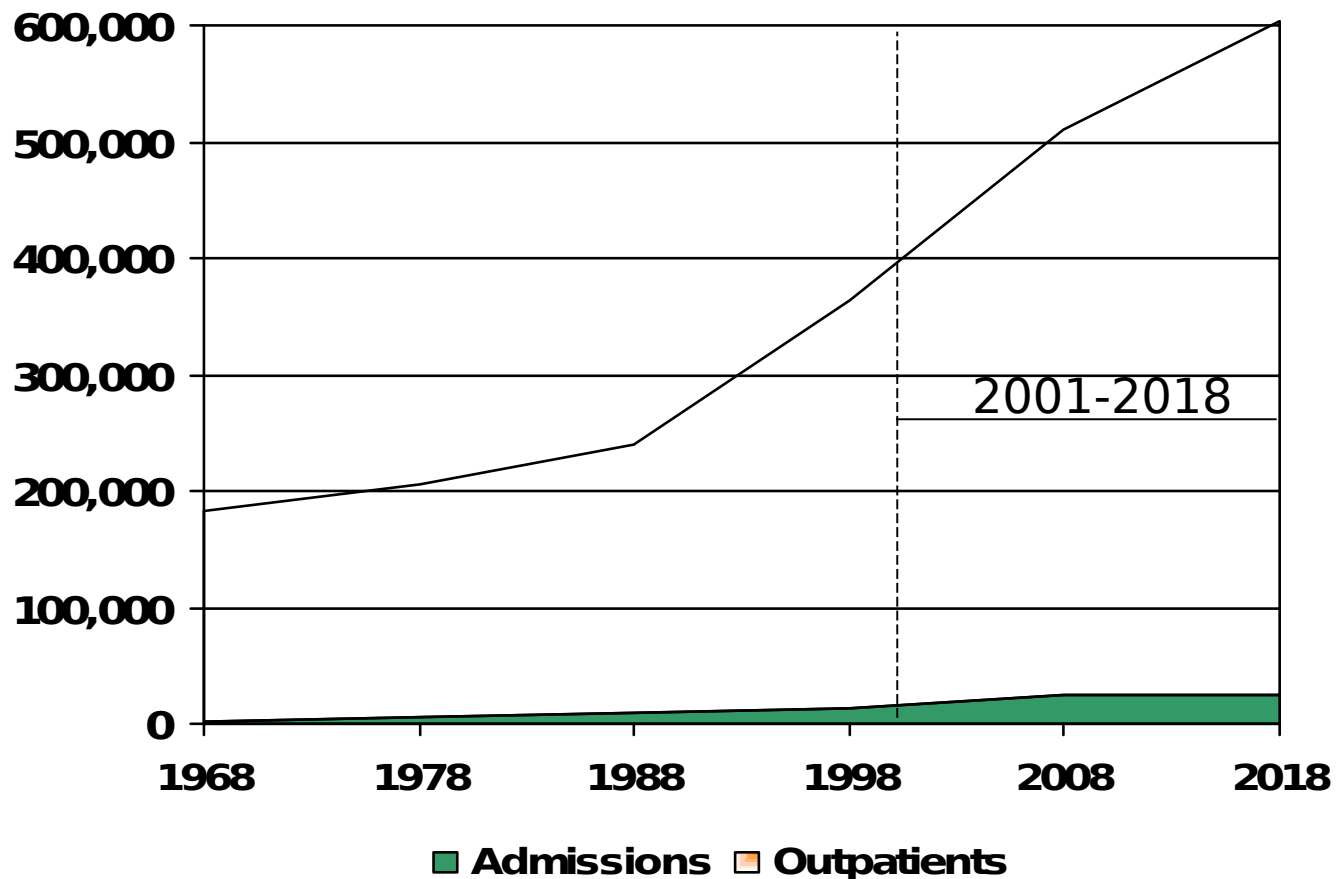
# Budget and funding growth

## History and prediction to 2018



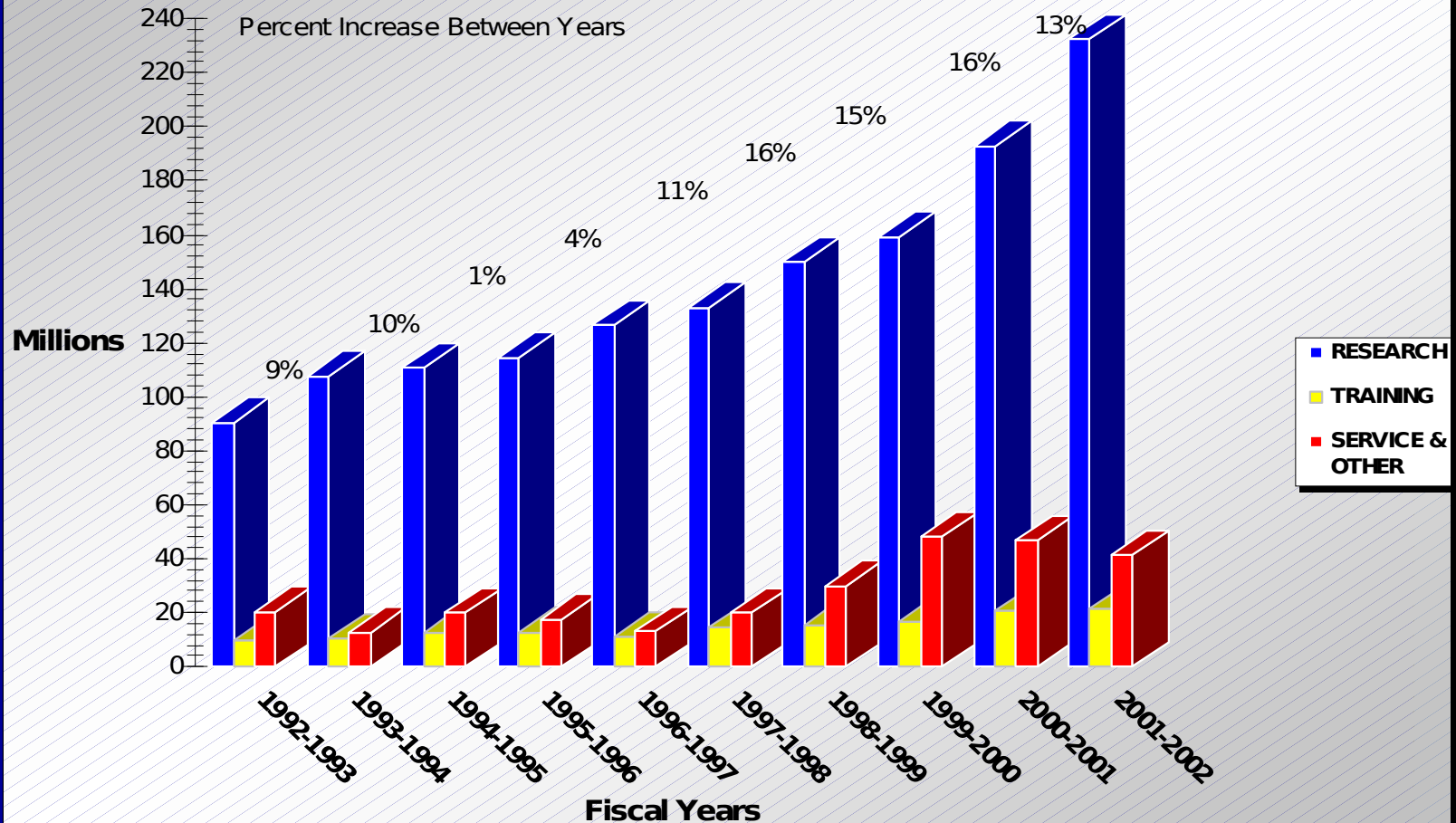
# Patient population growth

## History and prediction to 2018



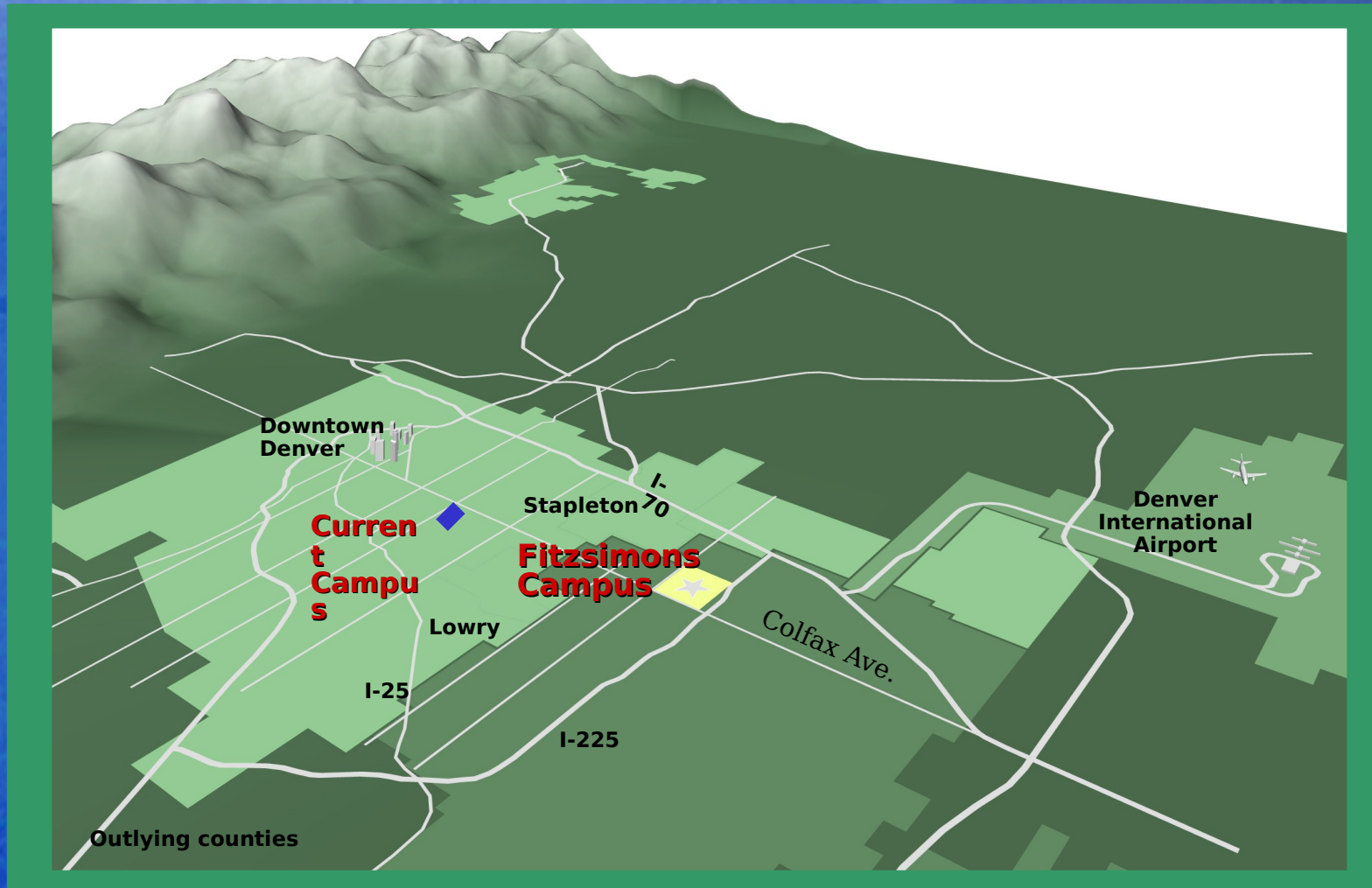
# Growth in Grants & Awards

In the past decade, funding for UCHSC's sponsored programs (grants and contracts) has tripled - from \$89.1 million to \$294.6 million





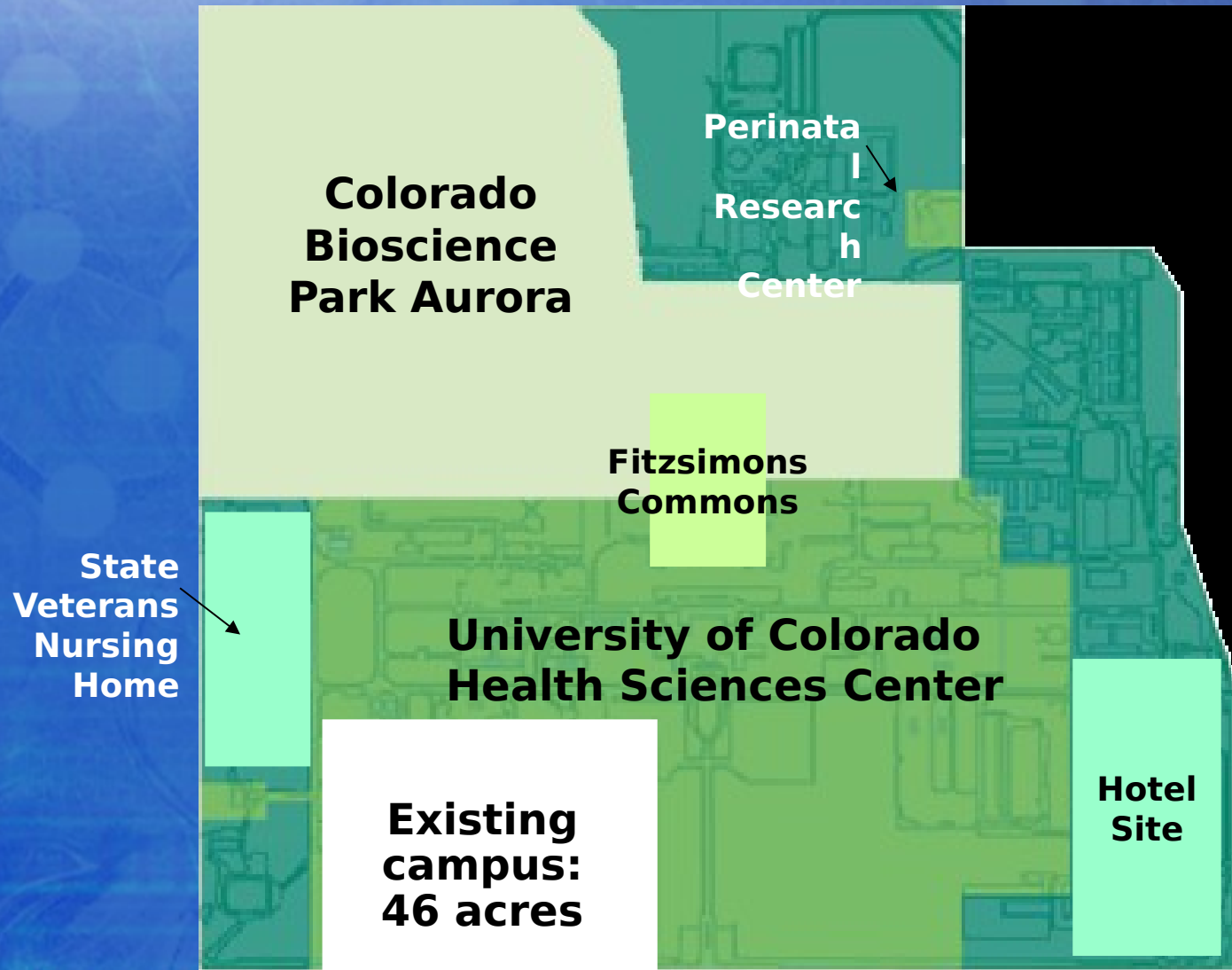
# Fitzsimons as a Regional Life-Sciences Hub





# The Fitzsimons Site

Development of a 21<sup>st</sup> Century Health Sciences City



# Fitzsimons Campus Design- Qualities and Structure

- Native and Evergreen plants
- Building materials palette based on the rich colors natural to Colorado
- Heritage of the historical orchard
- Healing Environment
- Social spaces/Event Quads
- Outdoor recreation
- East/West pedestrian paths
- North/south quadrangles
- Perimeter parking
- 15% green space
- 25% open space
- Integrated clinical, educational and research zones



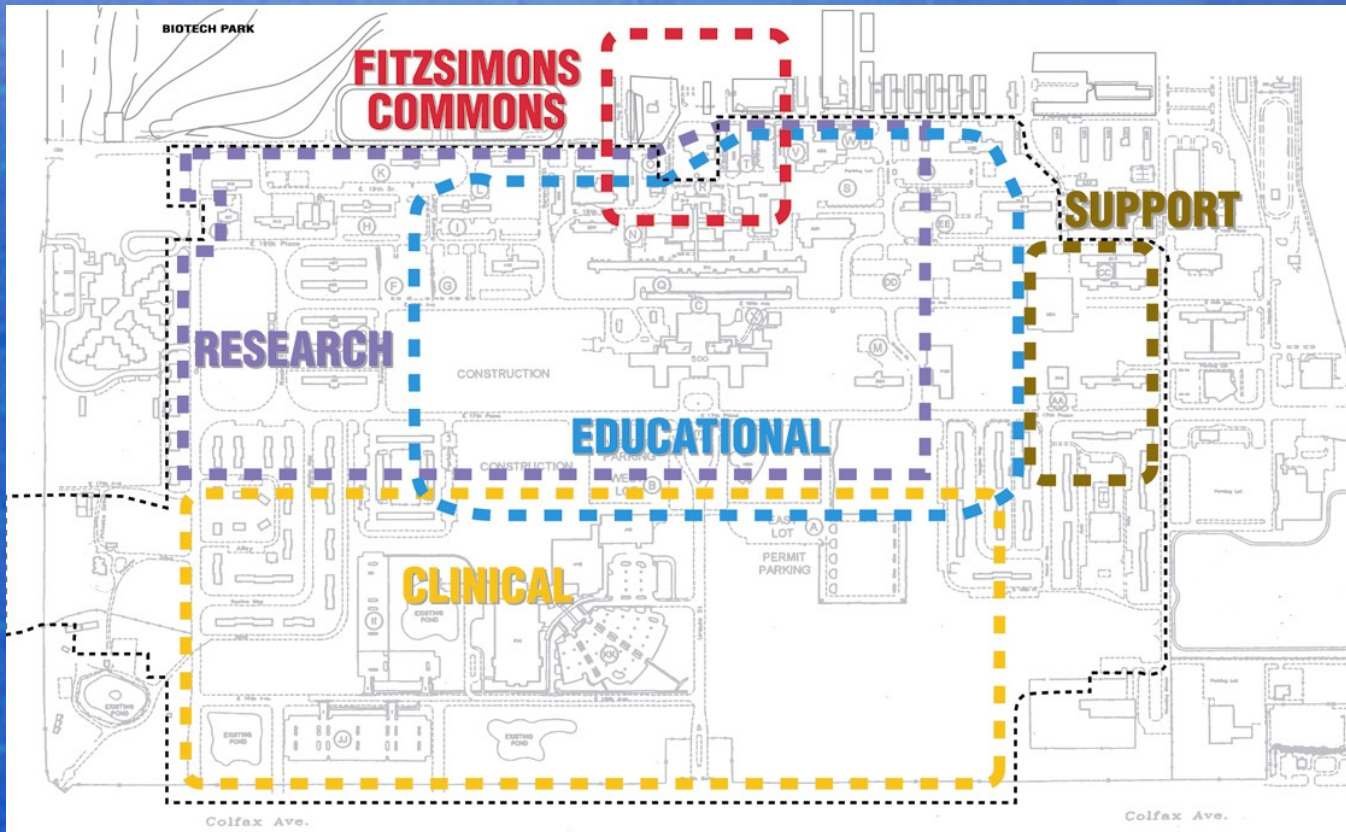


# Vision Statement Themes

- ❑ Competition
- ❑ Shrinking Resources
- ❑ Customer Friendly
- ❑ Flexibility
- ❑ Technology
- ❑ Integration
- ❑ Core Support Services Change
- ❑ Interdisciplinary
- ❑ Integrated Professional Teams

# Fitzsimons campus

Aurora, Colorado



**EDUCATIONAL**  
core of the  
pedestrian campus

**CLINICAL**  
south section of  
the  
campus -- easy  
patient access

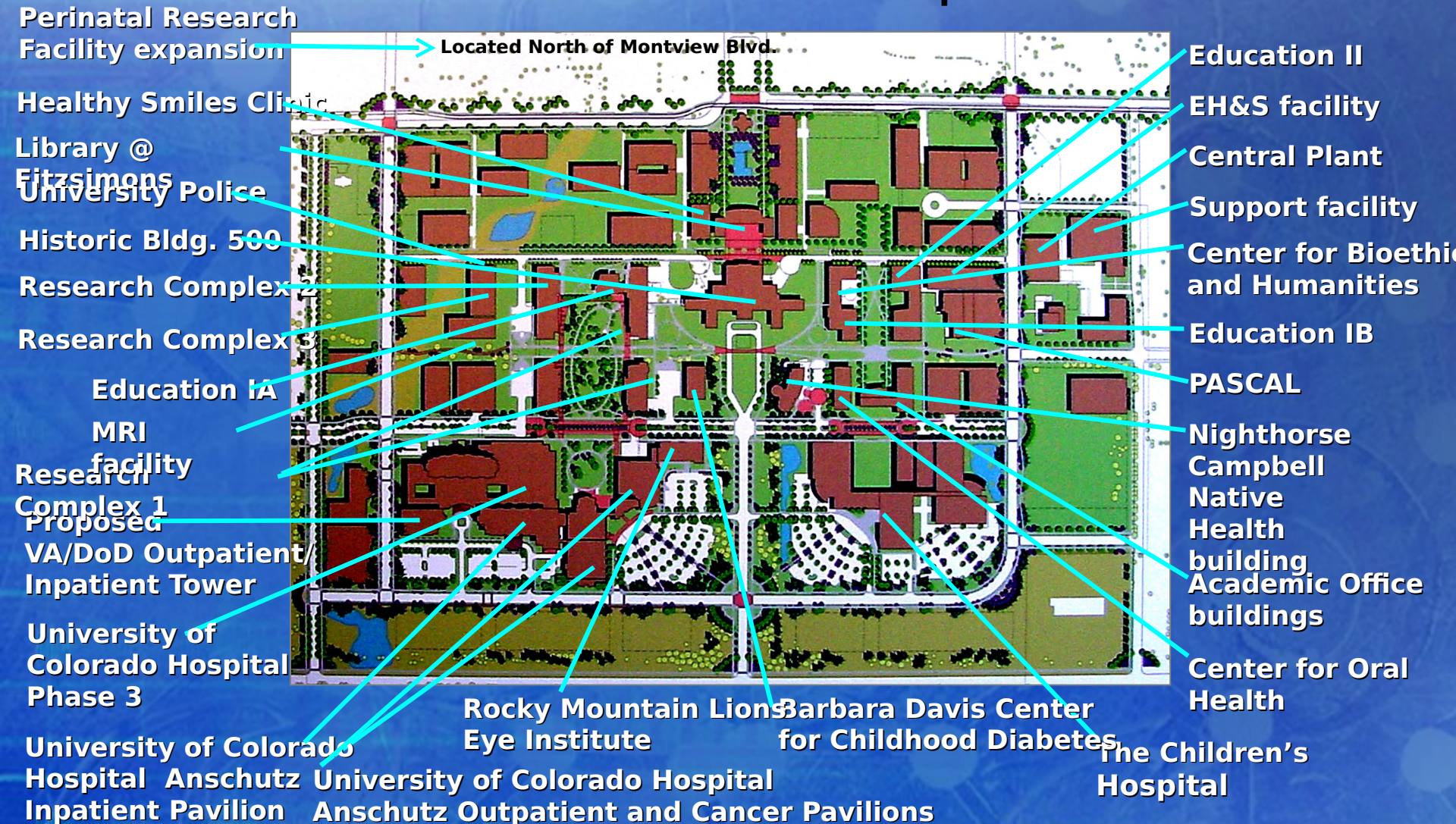
**RESEARCH**  
north section of  
the campus --  
direct access to  
Colorado  
Bioscience Park  
Aurora

**FITZSIMONS  
COMMONS**  
shared amenities



# May 2003 project summary

**Buildings completed, under construction, in design or planning,  
at the new Fitzsimons campus**





# Nighthorse Campbell Native Health Building



University of Colorado Health Sciences Center and University of Colorado Hospital at Fitzsimons



# Building 500



University of Colorado Health Sciences Center and University of Colorado Hospital at Fitzsimons

# Anschutz Centers for Advanced Medicine



University of Colorado Health Sciences Center and University of Colorado Hospital at Fitzsimons



# Cancer Pavilion Garden





# **Rocky Mountain Lions Eye Institute**



University of Colorado Health Sciences Center and University of Colorado Hospital at Fitzsimons



# Anschutz Inpatient Pavilion



University of Colorado Health Sciences Center and University of Colorado Hospital at Fitzsimons



# Research Complex I



University of Colorado Health Sciences Center and University of Colorado Hospital at Fitzsimons



# Education Facilities





# Library at Fitzsimons



University of Colorado Health Sciences Center and University of Colorado Hospital at Fitzsimons



# The Children's Hospital



University of Colorado Health Sciences Center and University of Colorado Hospital at Fitzsimons

# Center for Oral Health



University of Colorado Health Sciences Center and University of Colorado Hospital at Fitzsimons

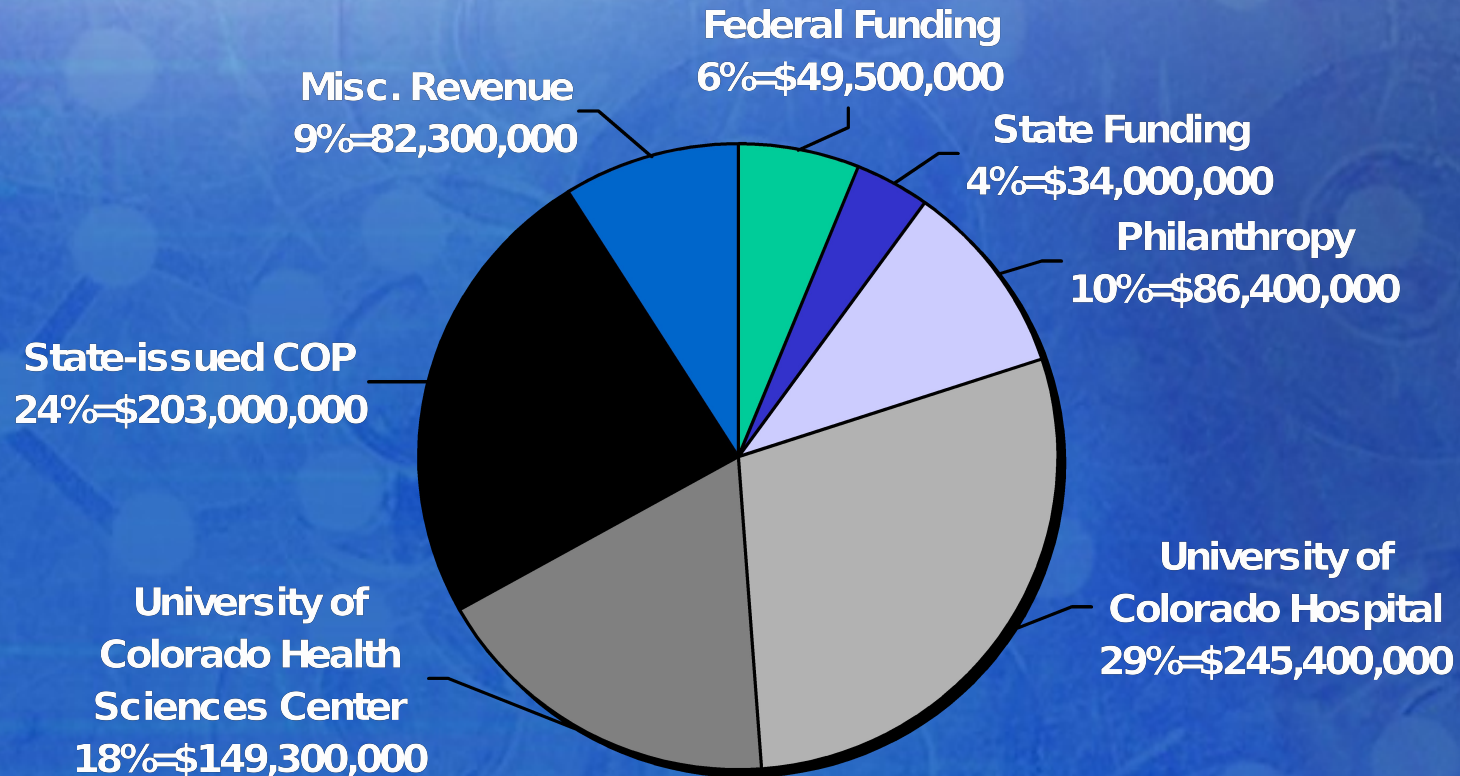


# Bioscience Park Center



University of Colorado Health Sciences Center and University of Colorado Hospital at Fitzsimons

# Sources of funds, committed to date for UCHSC and UCH



**Funds committed to date: \$850 million\***

**\*does not include \$400+ million for The Children's Hospital development or \$28 million for the Center for Oral Health**



# **The Fitzsimons Site, Aurora Colo.**

**Economic impact of a square mile of life sciences**

**Create 42,500 jobs by 2010;  
66,800 at completion**

**Spur \$3.1 billion annually  
in economic activity by 2010;  
\$6.3 billion at completion**

**Bring in \$55.8 million annually  
in state corporate and personal  
income, sales taxes and motor  
vehicle registration fees;  
\$93.8 million at completion**

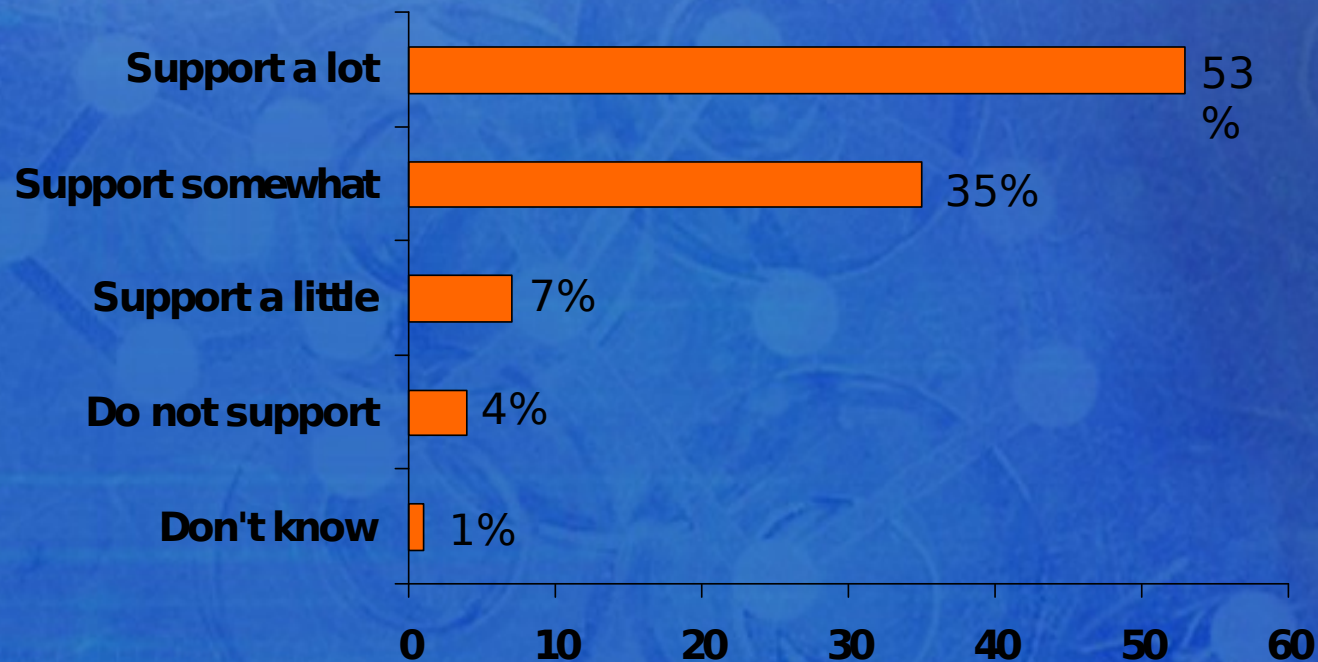
**Bring in \$25.4 million in annual local sales and use taxes by 2010; \$40.5 million at completion**





# Strong Support for the University of Colorado Health Sciences Center

Do you support the State of Colorado's contribution to the cost of building a new University of Colorado Health Sciences Center?\*



\* defined in question as hospitals, research labs, and schools for training physicians, dentists, nurses, and pharmacists.





# Federal officials tour Fitzsimons viewing the progress at the new campus



## U.S. CONGRESSIONAL DELEGATION

Senator Wayne Allard

Congressman Bob Beauprez

Senator Ben Nighthorse Campbell

Congresswoman Diana Degette

Congressman Joel Hefley

Congressman Scott McInnis' staffer Paul Brayshaw

Congressman Bob Schaffer

Congressman Tom Tancredo

Congressman Mark Udall

## EXECUTIVE BRANCH OFFICIALS

Secretary of Veteran Affairs Anthony J. Principi

U.S. Surgeon General David Satcher

Centers for Disease Control Director Jeffrey Koplan

Health Resources and Services Administration (HRSA)

Administrator Claude Earl Fox

Bureau of Health Professions

Associate Administrator Vincent Rogers

National Institute of Child Health & Human

Development Director Duane Alexander

National Library of Medicine Director Donald Lindberg

National Institute of Dental and Craniofacial Research

Director Harold Slavkin and Larry Tabak

National Institutes of Health

the bipartisan support from both state and federal governments for the Fitzsimons project.

Deputy Director for Extramural Research W.



**Governor Bill Owens called the \$4.3 billion Fitzsimons project “an economic development magnet” and said Coloradoans are witness to a “revolution” in health science. He pledged his strong support for a bill that would allow UC to finish construction of education buildings for its**







**“I don’t believe we can make progress without strong partnerships and operational synergy between government, academia and industry. It will be required. It will not be an optional nice thing to have.**

**Elias Zerhouni, M.D., director, National Institutes of Health (NIH), in his February 13, 2003, keynote address during the Research Partners for Our Nation’s Health: Academia, Industry & Government forum; NIH Colorado Research Day.**

**We have to find ways to do it on a greater scale.”**

*Research America*  
AN ALLIANCE FOR DISCOVERIES IN HEALTH®

# Lessons Learned

- **Gaining faculty buy-in is critical**
- **Economies of scale: common infrastructure**
- **Leveraging cross-professional talents**
- **Economic impact of project**
- **Be flexible, adapt to politics and consider long view**
- **Mainstream Dental, Graduate, Nursing and Pharmacy Schools**
- **Must “sell” project to broad external community:**
  - **Community leaders**
  - **Business and industry**
  - **General public**
  - **State and Federal Government**